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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/27/2006

Hiroshi Komatsu

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10/16/2009

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EXAMINER

CHU, JOHN S Y

ART UNIT

PAPER NUMBER

1795

NOTIFICATION DATE

DELIVERY MODE

10/16/2009

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10594548	9/27/06	KOMATSU ET AL.	1270.46593X00

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**EXAMINER**

JOHN S.. CHU

ART UNIT	PAPER
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1795	20091002
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DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

Art Unit: 1795

### **SUPPLEMENTAL ACTION**

This Office action is a supplemental response to correct a typographical error of the pending claims from the previous Final rejection of May 22, 2009. The action now includes the current pending copy of the claim 1 wherein the previous Final rejection inadvertently included the original claim 1 at the time the Non-final rejection was given. This supplemental action corrects the inadvertent mistake, however the previous statutory period remains in force.

#### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-12 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by RUSHKIN et al (6,929,891).

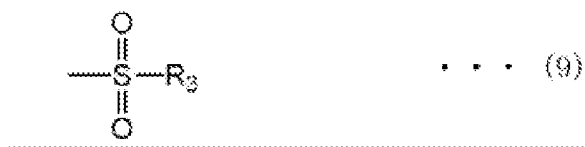
The claimed invention is drawn to the following:

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1. (Currently amended) A photosensitive resin composition comprising:

(A) a polymer having an acid functional group and/or a substituent derived therefrom;

(B) a compound having at least one substituent derived from an amine functional group, wherein said at least one substituent is selected from the group consisting of:



wherein R<sub>3</sub> represents a monovalent organic group; X<sub>3</sub> represents an oxygen, sulfur, or nitrogen atom; and n represents 1 when X<sub>3</sub> is an oxygen atom or a sulfur atom, or n represents 2 when X<sub>3</sub> is a nitrogen atom;

(C) a photoreactive compound; and

(D) a solvent.

RUSHKIN et al anticipates the claimed photosensitive resin composition by disclosing said polymer having an acid functional group and/or a substituent derived therefrom, a compound having at least one substituent derived from an amine functional group, a photoreactive compound and a solvent, see Example 1 and 3 found in column 23 and 25, respectively.

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The polybenzoxazole and the other components of the photosensitive resin are included in column 3, lines 28-68 wherein a latent crosslinker as defined as ingredient (c) meets the claimed, while the photoactive compounds meet the claimed photoreactive compound.

*The claimed invention remains anticipated wherein the polymer resin in RUSHKIN et al comprises various molecular weight pieces or resin which would meet the claimed ingredient B., see the end-capped polyamic acid as seen in column 23/24, lines 1-17 wherein the end unit anticipates the claimed ingredient B and can be considered a compound.*

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over RUSHKIN et al (6,929,891).

The claimed invention has been recited above and is included by reference.

Each of the recited components is disclosed in the reference to RUSHKIN et al such that it would be *prima facie* obvious to the skilled artisan to duplicate the composition of RUSHKIN et al for the purpose of having a composition which is excellent in imaging properties and suitable for high temperature resistant pattern formation.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Chu whose telephone number is (571) 272-1329. The examiner can normally be reached on Monday - Friday from 9:30 am to 6:00 pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Cynthia Kelly, can be reached on (571) 272-1526

The fax phone number for the USPTO is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PMR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/John S. Chu/  
Primary Examiner, Art Unit 1795

J.Chu  
October 2, 2009